

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 5, line 19 as follows:

FIG. 1B shows communication controller 20 for communication on each of serial communication buses 12, 14 transferring a data stream according to a communication protocol. Communication controller ~~10~~ 20 comprises communication handler 17, which is adapted to be programmable to perform transformations of the data stream according to a selected communication protocol. More specifically, communication handler 17 comprises channel handlers 22, 24 being programmed to transform the data streams of serial communication buses 12, 14, respectively, according to different protocols. Communication controller ~~10~~ 20 has further data I/O interface 26 coupled to channel handlers 22, 24 by internal bus 28 and coupled to a parallel external bus 30.